

## Res. Asst. BAYRAM YILDIZ

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### International Researcher IDs

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### Education Information

Doctorate, Middle East Technical University, Faculty of Engineering, Department of Metallurgical and Materials Engineering, Turkey 2017 - Continues

Postgraduate, Pamukkale University, Faculty Of Engineering, Department Of Mechanical Engineering, Turkey 2014 - 2016

Undergraduate, Dokuz Eylul University, Faculty Of Science, Department Of Physics, Turkey 2007 - 2012

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Postgraduate, Application of Graphene on Journal Bearings, Pamukkale University, Faculty Of Engineering, Department Of Mechanical Engineering, 2016

### Research Areas

Metallurgical and Materials Engineering, Engineering and Technology

### Academic Titles / Tasks

Research Assistant, Pamukkale University, Faculty Of Technology, Department Of Materials Science And Engineering, 2013 - 2017

### Published journal articles indexed by SCI, SSCI, and AHCI

- Size and morphology controlled polyol synthesis of LiFePO<sub>4</sub> nanoparticles with addition of organic acid combinations**  
Coşkun E., Kurşun E., YILDIZ B., Aşkar Y., Bahtiyar D., AYDINOL M. K., MAVİŞ B., Çınar-Aygün S.  
Ceramics International, vol.50, no.9, pp.15915-15930, 2024 (SCI-Expanded)

- II. **An Edible Supercapacitor Based on Zwitterionic Soy Sauce-Based Gel Electrolyte**  
DURUKAN M. B., Keskin D., TUFAN Y., Dincer O., ÇİÇEK M. Ö., YILDIZ B., ÇINAR AYGÜN S., ERCAN B., ÜNALAN H. E.  
ADVANCED FUNCTIONAL MATERIALS, vol.34, no.6, 2024 (SCI-Expanded)
- III. **Ultra-Sensitive Bio-Polymer Iontronic Sensors for Object Recognition from Tactile Feedback**  
Çiçek M. Ö., Durukan M. B., Yildiz B., Keskin D., Doğanay D., Çinar Aygün S., Çakir M. P., Ünal H. E.  
Advanced Materials Technologies, vol.8, no.16, 2023 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Investigation of tribological behaviours of graphene-coated journal bearing**  
YILDIZ B., Balkanci A., OVALI İ., ÜNLÜ C. G.  
TRIBOLOGY-MATERIALS SURFACES & INTERFACES, vol.12, no.4, pp.177-185, 2018 (ESCI)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation of the performance of colloidal LiFePO<sub>4</sub> particles in suspension flow battery**  
Yıldız B., Aşkar Y., Coşkun E., MAVİŞ B., ÇINAR AYGÜN S.  
20th International Metallurgy and Materials Congress, Online, Turkey, 10 June 2021
- II. **Synthesis of Metallic Striped and Janus Particles**  
ULUSEL M., Şahin O., Dinçer O., Yıldız B., ÇINAR AYGÜN S.  
20th International Metallurgy and Materials Congress, Online, Turkey, 10 June 2021
- III. **Suspension Electrode Approach for Flow Assisted Energy Storage Systems**  
Çinar S., Yıldız B.  
9th Eastern Mediterranean Chemical Engineering Conference, Ankara, Turkey, 31 August - 02 September 2018

### Metrics

Publication: 8

Citation (WoS): 2

Citation (Scopus): 5

H-Index (WoS): 1

H-Index (Scopus): 1